

This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil 4436 Josephine St.

INPUTS	Variable	Units	House	Garage	Shed
General	Mixing depth in yard	cm	2.54	2,54	2.54
	Mixing depth in yard	inches	1	1	1
	Soil density	g/cm3	2.5	2.5	2.5
	RBC in soil	mg/kg	400	400	400
	Bkg in clean fill	mg/kg	<b>5</b> 0	50	50
			Small	Small	Small
House-specific	Area of the exposure unit	m2	93 646264	46.8231322	27.870912
	Area of the exposure unit	ft2	1008	504	300
	Concentration of lead in paint	mg/cm2	28	13	13
	Area of peeling paint	m2	5.684737	17,1368948	10.446018
	Area of peeling paint	ft2	61.19	184 46	112.44
COMPUTATIONS	S				
	Mass of lead from paint	mg	1.6E+06	2.2E+06	1.4E+06
	Volume of soil	cm3	2.4E+06	1.2E+06	7.1E+05
	Mass of soil	kg	5.9E+03	3.0E+03	1.8E+03
	Incremental concentration	mg/kg	267.7	749.3	767.3
	Maximum acceptable area of per	eling leaded paint (m2)	7.4	8.0	4.8
	Maximum acceptable area of per	eling leaded paint (ft2)	80.0	86.1	51.3
DECISION			ок	Not OK	Not OK

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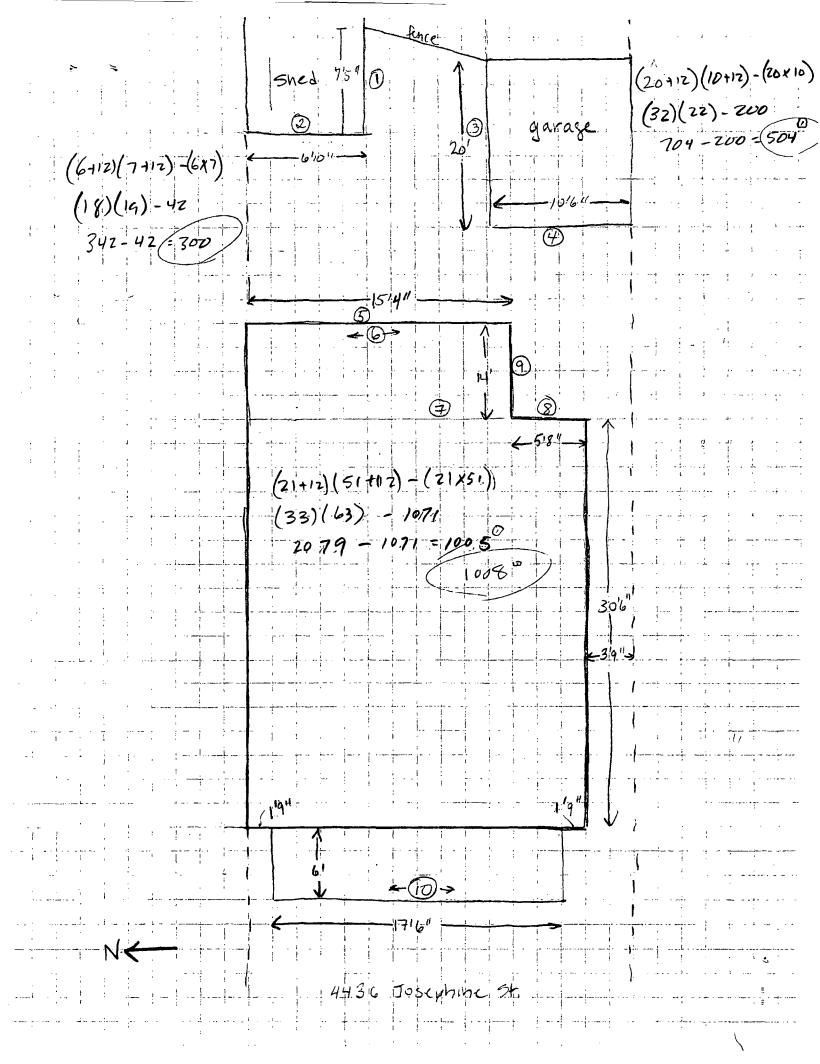
INPUTS	Variable	Units	House	Garage	Shed
General -	Mixing depth in yard	cm	2.54	2.54	2.54
	Mixing depth in yard	inches	1	1	1
	Soil density	g/cm3	2.5	2.5	2.5
	RBC in soil	mg/kg	400	400	400
	Bkg in clean fill	mg/kg	50	50	50
	•		Small	Small	Small
House-specific	Area of the exposure unit	m2	93.64626	46.823132	<b>27.870</b> 91
·	Area of the exposure unit	ft2	1008	504	300
	Concentration of lead in paint	mg/cm2	28	13	13
	Area of peeling paint	m2	24.15781	72.824808	44.30131
	Area of peeling paint	ft2	61.19	184.46	112.44
COMPUTATIONS	S				
	Mass of lead from paint	mg	6.8E+06	9.5E+06	5.8E+06
	Volume of soil	cm3	2.4E+06	1.2E+06	7.1E+05
	Mass of soil	kg	5.9E+03	3.0E+03	1.8E+03
	Incremental concentration	mg/kg	1137.5	3184.1	3260.7
	Maximum acceptable area of p		7.4	8.0	4.8
	Maximum acceptable area of p	. , ,	80.0	86.1	51.3
DECISION			Not OK	Not OK	Not OK

This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil 4436 Josephine St.

INPUTS	Variable	Units	House	Garage
General	Mixing depth in yard	cm	2.54	2.54
	Mixing depth in yard	inches	1	1
	Soil density	g/cm3	2.5	2.5
	RBC in soil	mg/kg	400	400
	Bkg in clean fill	mg/kg	50	50
House-specific	Area of the exposure unit	m2	Small 93.36756	<b>Small</b> 46.823132
•	Area of the exposure unit	ft2	1005	504
	Concentration of lead in paint	mg/cm2	28	13
	Area of peeling paint	m2	24.15781	72.824808
	Area of peeling paint	ft2	61.19	184.46
COMPUTATIONS				
	Mass of lead from paint	mg	6.8E+06	9.5E+06
	Volume of soil	cm3	2.4E+06	1.2E+06
	Mass of soil	kg	5.9E+03	3.0E+03
	Incremental concentration	mg/kg	1140.9	3184.1
	Maximum acceptable area of p		7.4	8.0
	Maximum acceptable area of p	• • • • • • • • • • • • • • • • • • • •	79.7	86.1
DECISION			Not OK	Not OK

Address:	4436 Josephine St.				8/16/2005			
Owner:	Sinnett	Darl	ene		Telephone #:	( 303) 29	5-2243	
Plot Plan:			·					· · · · · · · · · · · · · · · · · · ·
							<i>a</i> 1 11	
						Pio	hirly m	
							9HZ	•
			see attached					
								•
		Exterior Wa	alls			Doors/I		
	Motorial	Exterior Wa		VDE (Lood)	Metorial	Doors/T deteriorated		VDE (Lood)
North	Material			XRF (Lead)	Material			XRF (Lead)
South	Material	deteriorated		XRF (Lead)	Material	deteriorated		XRF (Lead)
	Material	deteriorated		XRF (Lead)	Material	deteriorated		XRF (Lead)
South East	Material Total	deteriorated		XRF (Lead)	Material Total	deteriorated		XRF (Lead)
South East	Total	deteriorated Area  0.00  dow Trim/Fas	Peel/Chip	XRF (Lead)		deteriorated Area 0.00	Peel/Chip	XRF (Lead)
South East West	Total	deteriorated Area	Peel/Chip	XRF (Lead)		deteriorated Area	Peel/Chip	XRF (Lead)
South East West	Total Win	0.00 dow Trim/Fas deteriorated Area	Peel/Chip	XRF (Lead)	Total Material	0.00 Patios/Decks	Peel/Chip	
South East West	Total	0.00 dow Trim/Fas	Peel/Chip		Total Material	0.00 Patios/Decks deteriorated Area	Peel/Chip	XRF (Lead)
South East West North South	Total Win Material Wood Wood	0.00 dow Trim/Fas deteriorated Area 22.50	Peel/Chip	XRF (Lead) 16±3.4	Total  Material  Wood	0.00 Patios/Decks	Peel/Chip	
South East West North South East	Total Win Material	0.00 dow Trim/Fas deteriorated Area 22.50	Peel/Chip	XRF (Lead) 16±3.4	Total Material	0.00 Patios/Decks deteriorated Area	Peel/Chip	XRF (Lead)
South East West  North South East	Total Win Material Wood Wood	0.00 dow Trim/Fas deteriorated Area  22.50 31.26  53.76	Peel/Chip	XRF (Lead) 16±3.4	Total  Material  Wood	0.00 Patios/Decks deteriorated Area 7.43 7.43	Peel/Chip	XRF (Lead)
South East West  North South East	Total Win Material Wood Wood Total	0.00 dow Trim/Fas deteriorated Area  22.50 31.26  53.76  shed deteriorated	Peel/Chip	XRF (Lead) 16±3.4	Total  Material  Wood  Total	0.00 Patios/Decks deteriorated Area 7.43 7.43 garag deteriorated	Peel/Chip	XRF (Lead)
South East West North South East West	Total Win Material Wood Wood	0.00 dow Trim/Fas deteriorated Area  22.50 31.26  53.76	Peel/Chip	XRF (Lead) 16±3.4	Total  Material  Wood  Total  Material	0.00 Patios/Decks deteriorated Area  7.43 7.43	Peel/Chip s/Porches Peel/Chip	XRF (Lead) 28±9 XRF (Lead)
South East West North South East West	Total  Win  Material  Wood  Wood  Total  Material	0.00 dow Trim/Fas deteriorated Area  22.50 31.26  53.76  shed deteriorated Area	Peel/Chip	XRF (Lead) 16±3.4 16±3.4  XRF (Lead)	Total  Material  Wood  Total  Material  Waterial	0.00 Patios/Decks deteriorated Area 7.43 7.43 garag deteriorated	Peel/Chip s/Porches Peel/Chip	XRF (Lead)
South East West North South East West	Total Win Material Wood Wood Total	0.00 dow Trim/Fas deteriorated Area  22.50 31.26  53.76  shed deteriorated	Peel/Chip	XRF (Lead) 16±3.4	Total  Material  Wood  Total  Material  Wood	0.00 Patios/Decks deteriorated Area  7.43 7.43	Peel/Chip s/Porches Peel/Chip Peel/Chip	XRF (Lead) 28±9 XRF (Lead)

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Address: 4436 Josephine		Structure: House		T	1	Т	Т	$\overline{}$		Т	
Date: 8/16/05		Direction: E					<del></del>		<del></del>		<del></del>
Investigator: CM, WH				<del></del>	<del> </del>	+		<del> </del>		<del> </del>	
Time Started: 9:20 A.M.				<del> </del>		<del> </del>	<del></del>	<del> </del> -			
THIC CLUTCH CO. C. P.				+	Total Area	<del>                                     </del>	Deteriorated	<del> </del>	<del></del>	<del> </del>	
	Photo				of Element	Percent	Area (units		XRF	1	
Drawing Number	Number	Painted Surface	Material	Color	(units ft^2)	Deteriorated	ft^2)	XRF#	Value	pos/neg	Notes
8	8	Window Screen Frame	Wood	Brown	N/A	N/A	0.25	See 272	16±3.4	POS	inotes
		TYTHOUT OCICENT TENNE	144000	BIOWIT	100		10.25	10cc 212	1013.4	1.00	<del> </del>
7	7	Upper Gable Soffit	Wood	Brown	N/A	N/A	4.00	See 272	16±3.4	POS	much of the old paint is already gone
6	6	Lower Gable Soffit/Fascia	Wood	Brown	26.68	100%	26.68	See 272	16±3.4	POS	much of the old paint is already gone
<u> </u>	5	Window Frame	Wood	Brown	N/A	N/A	0.33	See 272	16±3.4	POS	·
<u> </u>		WINDOW Hame	77000	Biowii	100	INA	0.33	3ee 212	1023.4	1703	<del>                                     </del>
	}	I	ı	1	1	!	1	!	l	1	1
Address 4400 Incombine	ı	Structure: House		1 -	1	1	1	i	1	1	1
Address: 4436 Josephine Date: 8/16/05		Direction: S	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del>- </del>	ļ	<del> </del>	<del> </del> -	<del> </del>
		Direction: 5		<del> </del>		+	·	ļ- <del></del>	<del> </del>	ļ. <del>.</del>	
Investigator: CM, WH			<del></del>	<del> </del>	<del> </del>	ļ	<del>-i</del>	ļ	<del></del>	<del> </del>	+
Time Started: 9:20 A.M.				<del> </del>	Total Area	<del> </del>	Deteriorated	ļ	<del></del>	ļ <del>.</del>	<del> </del>
	Photo	]	i	1	of Element	Percent	Area (units	}	XRF	1	
D		Delated Surface	84-4	0.1		1	,	VDE #			101-40-
Drawing Number	Number	Painted Surface		Color	(units ft^2)	Deteriorated	ft^2)	XRF#	Value	pos/neg	Notes
9	9	Soffit/Fascia (Back Part)	Wood	Brown	22.50	100%	22.50	272	16±3.4	POS	
A Jahren . 4426 Jan 1-1	1	Structura, Hause		]	J	l	1	j	. 1	J	1
Address: 4436 Josephine		Structure: House		ļ	<del> </del>	<del> </del>	ļ	<u> </u>	<del> </del>		
Date: 8/16/05		Direction: W	-		<del>- </del>	<del> </del>	-		<del> </del>	ļ	
Investigator: CM, WH				-		<del> </del>	ļ	ļ. <b>.</b>	<del> </del>	1	
Time Started: 9:20 A.M.					Tatal Amas	<b> </b>	D-4	<u> </u>	ļ	<u> </u>	
	D		İ	İ	Total Area		Deteriorated			]	
	Photo				of Element	Percent	Area (units	i	XRF		l., .
Drawing Number	Number	Painted Surface		Color	(units ft^2)	Deteriorated	ft^2)	XRF#		pos/neg	Notes
N/A	N/A	Front Porch Landing	Wood	Brown	N/A	100%	104.50	268	0.00±0.08		ļ <u>.                                    </u>
N/A	N/A	Front Porch Foundation	Concrete	<del></del>	N/A	N/A		270	0.03±0.03		
10	10	Front Porch Beam	Wood	Brown	37.14	20%	7.43	269	28±9	POS	1 .
		1-	,	1 :		1	r	, -		•	
Address: 4436 Josephine		Structure: House			<u> </u>	·	<del></del>		ļ		
Date: 8/16/05		Direction: N			<u> </u>	<u> </u>	<u> </u>		ļ	l	
Investigator: CM, WH							<del>_</del>				<u> </u>
Time Started: 9:20 A.M.				<u> </u>		<u> </u>					<u> </u>
		1		1	Total Area	1.	Deteriorated	ĺ	1	1	
	Photo		į.		of Element	Percent	Area (units		XRF		
Drawing Number	Number	Painted Surface	Material	Color	(units ft^2)	Deteriorated	ft^2)	XRF#	Value	pos/neg	Notes
										ļ	Northside is on property line - chips
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	into neighboring ground
					r	,		,	r -	, .	
Address: 4436 Josephine		Structure: Garage									
Date: 8/16/05		Direction: N, W			<u> </u>		ļ		<u> </u>		
Investigator: CM, WH				<u> </u>		<u> </u>				<u></u>	
Time Started: 9:20 A.M.				<u> </u>			<u> </u>		<u> </u>		
	1		1	Į.	Total Area		Deteriorated				
	Photo					Percent	Area (units		XRF	·	
Drawing Number	Number	Painted Surface		Color	(units ft^2)	Deteriorated	ft^2)	XRF#		pos/neg	Notes
			Wood	Tan/Brown	93.75	30%	28.13	274	13±3.5	POS	
4	4	West Wall and Window Frame	11000	TENEDIOWN							
4	4	North Wall, Door Frame, Window									
3	3			Tan/Brown		100%	156.33	See 274	13±3.5	POS	
3	3	North Wall, Door Frame, Window Frame and Soffit					156.33	See 274	13±3.5	POS	
	3	North Wall, Door Frame, Window Frame and Soffit Structure: Shed					156.33	See 274	13±3.5	POS	
4 3 Address: 4436 Josephine Date: 8/16/05	3	North Wall, Door Frame, Window Frame and Soffit					156.33	See 274	13±3.5	POS	
Date: 8/16/05	3	North Wall, Door Frame, Window Frame and Soffit Structure: Shed					156.33	See 274	13±3.5	POS	
Date: 8/16/05 Investigator: CM, WH	3	North Wall, Door Frame, Window Frame and Soffit Structure: Shed					156.33	See 274	13±3.5	POS	
	3	North Wall, Door Frame, Window Frame and Soffit Structure: Shed					156.33	See 274	13±3.5	POS	
Date: 8/16/05 Investigator: CM, WH	3 Photo	North Wall, Door Frame, Window Frame and Soffit Structure: Shed			156.33			See 274		POS	
Date: 8/16/05 Investigator: CM, WH Time Started: 9:20 A.M.		North Wall, Door Frame, Window Frame and Soffit  Structure: Shed Direction: S, W	Wood		156.33  Total Area of Element	100% Percent	Deteriorated Area (units		XRF		Notes
Date: 8/16/05 nyestigator: CM, WH	Photo	North Wall, Door Frame, Window Frame and Soffit Structure: Shed	Wood	Tan/Brown	156.33 	100% Percent Deteriorated	Deteriorated Area (units	See 274  XRF # See 274	XRF Value	POS  pos/neg POS	Notes Included only to the back fence.

## **TARGET SHEET**

## EPA REGION VIII SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 1056277

SITE NAME:	VASQUEZ BOULEVARD AND I-70
DOCUMENT DATE:	08/16/2005
Due to one of the fo	DOCUMENT NOT SCANNED liowing reasons:
☑ PHOTOGRAPHS	
3-DIMENSIONAL	
□ OVERSIZED	
☐ AUDIO/VISUAL	
☐ PERMANENTLY	BOUND DOCUMENTS
	<b>'Y</b>
☐ OTHER	
□ NOT AVAILABLE	:
<b>—</b>	MENTS NOT TO BE SCANNED Data Validation, Sampling Data, CBI, Chain of Custody)
DOCUMENT DESCR	IPTION:
1 - PROPERTY P	HOTO CD, PROPERTY #3142